OFFICE OF THE CHIEF ELECTRICAL ENGINEER IN MYSORE, BANGALORE.

Notice dated 9th April 1937.

1. Sealed Tenders in triplicate will be received at the Office of the Chief Electrical Engineer, Bangalore, and the same should be superscribed with name of the work given below.

2. The plans, detailed estimates and conditions may be obtained at the Office of the Superintendent, Bangalore Power and Lighting, at all working hours.

3. The tenders should be in the form of a statement as given below showing rates in figures and in words, at which the different items specified will be executed.

4. The tenders may be rejected or accepted in full or in part without any reasons being assigned therefor.

5. The name of the successful tenderer will be posted on the Notice Board in the Office of the Chief Electrical Engineer. No enquiries regarding the acceptance or rejection of a tender will receive any reply. The earnest money of rejected tenders will be returned.

6. Within three days of the acceptance of the tender, the successful tenderer will be required to execute the usual contract bond failing which his tender will be considered cancelled and the earnest money will be forfeited.

7. The materials to be used should be of the best English or American make and conform to the requirements of the Departmental rules and specifications. Samples should be sent with tenders. When the samples are sent mention should be made of Manufacturers or Makers Catalogue.

7(*a*) Alterations if any during execution should be carried out without extra cost.

8. Name of work—Providing electric lights, etc., to the new Mental Hospital and various quarters attached to the Hospital, Bangalore.

9. Last date and time of receiving tender—30th April 1937, 3 P.M.
10. Time and date of opening of tenders in public—4 P.M., 30th April 1937.
11. Earnest money required with tender—Rs. 1,000.
12. Time for completing the work from date of accepting the tender—Three months.
13. Details of the work to be executed as per specifications enclosed.

Tender for providing electric lights and wall plugs to the new Mental Hospital, Bangalore.

Serial No.	Names of materials, etc.	Unit	Quantity
1	Supplying No. 1 B. and S. twin conductor lead sheathed, jute served, steel armoured, underground cable for 600 volts and laying 3 feet below the ground level covered with 3″ river sand all round with pole pipes and junction boxes, etc., complete (for lighting mains)	R.ft.	650
2	Do No. 6 B. and S. do ..	,,	470
3	Supplying and fixing a T.W. meter board 5′×6′×2′ mounted with one of 150 amps. D.P. iron clad switch with fuses, 2 of 60 amps. D.P. iron clad switches with fuses (for controlling the four blocks of wards), and one 30 amp. D.P. iron clad switch with fuses, two of 15 amp. switch (for administrative block). (This board is meant for mounting the necessary switches for lighting as well as heating) with one pilot lamp accessories complete ..	No.	1
4	Supplying and fixing T.W. Distribution board 2′×1½′×3″ mounted with one of 30 amp. D.P. iron clad switch with fuses and 3 of 15 amps. D.P. iron clad switches with fuses. Board to be in flush with the wall with expanded metal covering with lock and key for safety	,,	3
5	Supplying and wiring in ¾″ brazed conduit using No. 14 B. and S. insulated wire for 600 volts (English or American) for lighting outlets and imbedding the conduits	,,	162
6	Do do for controlling switches with 5 amp. flush-type bakelite cream switches mounted in metallic terminal boxes in niches with doors for locking	,,	162
7	Do do for wall plugs with 5 amp. flush-type, bakelite cream wall-plugs with switches mounted in metallic terminal boxes, imbedding the conduits	,,	14

Serial No.	Names of materials, etc.	Unit	Quantity
8	Supplying and fixing—		
	(a) "Domalite" fittings with B.C. lampholder	No.	48
	(b) 8" Hailware cubes with ceiling fixtures, Cat. No. D. C. 276, and B.C. lamp holder	,,	40
	(c) Coolican reflectors 9"	,,	64
	(d) Ceiling fitting "Sanset" antique brass finish tinted amber glass ware diam. 16" arranged for 3 or 60 watt. pearl lamps (for the main entrance)	,,	1
	(e) Foot-way water proof lantern, dia. of reflector—12", overall height—13", dia. of globe—6½" to take 60 to 100 watt. lamps with 18" steel bracket complete	,,	9
	(f) ⅝"×3' rigid iron pendants with B.C. lampholder, etc., complete	,,	28
	(g) B.C. Batten lampholders	,,	36
	(h) Lamp M. F. B.C. 220 volts 60 watt. pearl or clear	,,	62
	(i) Do 100 watts. Mushroom type ..	,,	100
9	Masonry, plastering and colour washing	L.S.	
10	Grounding the iron clad switches and pipes, etc.	,,	

Tender for providing heating wall plugs and electric boilers to new Mental Hospital, Bangalore.

Serial No.	Names of materials, etc.	Unit	Quantity
1	Supplying and laying No. 2/0 B. and S. twin conductor lead sheathed, jute served, steel armoured underground cable for 600 volts and laying 3 ft. below the ground level covered with 3" river sand all round with pole pipes and junction boxes, complete	R.ft.	650
2	Supplying and fixing on the lighting meter board two of 100 amps. D.P. ironclad switches with fuses and one of 60 amp. D.P. ironclad switch with fuses, and one pilot lamp with its accessories ..	L.S.	
3	Supplying and wiring in 1¼" brazed conduit using No. 4 B. and S. stranded insulated wire for 600 volts and imbedding the conduit	R.ft.	325
4	Supplying and laying No. 4 B. and S. twin conductor underground cable steel armoured for 600 volts 3 ft. below ground level, covered with river sand 3" all round from M.B. with indoor junction boxes	,,	350
5	Supplying and wiring in 1" brazed conduit using No. 6 B. and S. insulated wire for 600 volts imbedding the conduits	Ft.	200
6	Do do in 1" brazed conduit using No. 8 B. and S. insulated wire for 600 volts for the electric boiler ..	R.ft.	300
7	Supplying and fixing a T.W. switch board mounted with a 60 amp. D.P. ironclad switch (for sub control) and a 30 amp. D.P. ironclad switch with fuses (for electric boiler) Board to be provided with lock and key arrangement. Board to be in flush with the wall with metallic box	No.	3
8	Supplying and wiring in 1" brazed conduit using No. 8 B. and S. insulated wire for 600 volts for wall plugs with 15 amp. face entry, Bakelite wall-plug in flush with the wall with a 10 amp. oblong cut out in a metallic terminal box	No.	12
9	Supplying and fixing G.E. Cat. No. 140, W. 120, 110 gallons capacity twin unit 'Vouge' rectangular hot point water heater, having ivory finish and provided with heating elements for 2250 3500 or 3500/4000 watts. and suitable for operation on 230 volts 25 cycles supply complete with thermostat switch ..	,,	3
10	Masonry, patching and colour washing	L.S.	
11	Grounding the switches, pipes, etc.	,,	

Tender for supplying electric lights and wall plugs to the Infection Wards attached to the New Mental Hospital, Bangalore.

Serial No.	Names of materials, etc.	Unit	Quantity
1	Supplying and wiring in ¾" brazed conduit using No. 14 B. and S. insulated wire for 600 volts from the pole to switch board ..	R.ft.	40
2	Supplying and fixing a T. W. board 15"×15"×2" mounted with a 15 amp. D.P. ironclad switch with fuses (Heating switch also to come on this board)	No.	2
3	Supplying and wiring in two-way T.W. casing and capping 2"×1" using No. 14 B. and S. insulated wire for 600 volts for lighting outlets	,,	12
4	Do do for controlling switches with 5 amp. bakelite reinforced switches	,,	12
5	Do do for wall plugs with 5 amp. bakelite switch combined pattern face entry wall plugs	,,	4
6	Supplying and fixing—		
	(a) 8" spherical domes with ceiling fixtures and B.C. batten lamp-holders, complete	,,	12
	(b) Lamps M.F. B.C. 220 volts, 60 watts. ½ watt. clear ..	,,	12
7	Masonry, plastering and colour washing	L.S.	
8	Grounding	,,	

Tender for providing electric lights and wall plugs to the Superintendent's Quarters attached to the New Mental Hospital, Bangalore.

Serial No.	Names of materials, etc.	Unit	Quantity
1	Supplying and wiring in ¾" brazed conduit using No. 12 B. and S. stranded insulated wire for 600 volts from the pole to Meter Board	R.ft.	25
2	Supplying and fixing a T. W. meter board 2½'×1½'×3" mounted with 2 of 10 amp. D.P. ironclad switches with fuses. The board is meant for heating and lighting	No.	1
3	Supplying and wiring in 2"×1" two-way teakwood casing and capping using No. 14 B. and S. insulated wire for 600 volts for lighting outlets	,,	20
4	Do do for controlling switches with 5 amp. bakelite reinforced tumbler switches	,,	20
5	Supplying and wiring in two-way 2"×1" T.W. casing and capping using No. 14 B. and S. insulated wire for 600 volts for wall plugs with 5 amp. face entry bakelite switches, combined pattern wall-plug	,,	4
6	Supplying and fixing—		
	(a) 5 amp. ceiling rose	,,	6
	(b) Flexible cord 6 ft. long	,,	6
	(c) B.C. C.G. lamp holders, bakelite reinforced	,,	6
	(d) B.C. batten lamp holders, iron	,,	3
	(e) ⅝"×1' rigid iron pendant with B.C. lampholder and heavy pattern brass back plate	,,	10
	(f) Water-tight fitting with B.C. lampholder and glass dome, complete	,,	1
	(g) 8" Spherical opal domes with ceiling fixtures	,,	2
	(h) Fancy shades	,,	6
	(i) Lamps M.F. B.C. 220 volts 20 watts. ½ watt type	,,	20
	(j) Tin enamel shades	,,	11
7	Masonry, patching and colour washing	L.S.	

Serial No.	Names of materials, etc.	Unit	Quantity
	HEATING.		
1	Supplying a 30 amp. D.P. ironclad switch with fuses and fixing it on the lighting meter board	L.S.	
2	Supplying and wiring, using No. 8 B. and S. twin-conductor lead covered cable for heating plugs and electric boiler	R.ft.	50
3	Supplying and wiring, using No. 12 B. and S. twin-conductor lead covered cable for heating wall plugs and boiler (to tap from No. 8 cable)	"	80
4	Supplying and fixing a suitable T.W. Board mounted with a 30 amp. D. P. ironclad switch with fuses	No.	1
5	Supplying and fixing a T.W. Board 15″×9″ mounted with 3 of 5 amps. wall plugs switch combined pattern bakelite face entry and 3 of 5 amp. bow cutouts	"	1
6	Supplying one electric boiler of 70 gallons capacity made of copper, tinned inside and asbestos lagged with necessary inlet and outlet pipes, for 1″ pipe with check valve to stand a head of 50 feet by hydraulic test and provided with 2 of 2 K.W. 220 volts B.T.H. or I.G.E. immersion water heaters with suitable thermostats and safety devices	"	1
	Grounding	L.S.	

Tender for providing electric lights to Sub-Assistant Surgeon's and Matron's Quarters attached to New Mental Hospital, Bangalore.

Serial No.	Names of materials, etc.	Unit	Quantity
1	Supplying and running mains in ¾″ brazed conduit using No. 14 B. and S. insulated wire for 600-V. pressure from the pole to meter board	R.ft.	75
2	Supplying and fixing T.W. meter board 1½′×1¼′×2″ mounted with one of 15 amp. D.P. ironclad switch with fuses	No.	3
3	Supplying and wiring in two-way T.W. casing and capping 2″×1″ using No. 14 B. and S. insulated wire for 600 volts for lighting outlets	"	27
4	Do do for controlling switches with 5 amp. bakelite tumbler switches	"	27
5	Do do for wall plugs with bakelite 5 amp. face entry switch combined wall plug	"	6
6	Supplying and fixing :—		
	(*a*) 5 amp. ceiling rose	"	9
	(*b*) Flexible cord 6 ft. long	"	9
	(*c*) B.C. C.G. lampholder	"	9
	(*d*) B.C. Batten lampholder	"	6
	(*e*) ⅝″×1′ rigid iron pendant with B.C. lampholder and heavy pattern brass back plate	"	9
	(*f*) White opal shades	"	15
	(*g*) Tin enamel shades	"	9
	(*h*) Water-tight fitting with B.C. lampholder and glass dome, etc. complete	"	3
	(*i*) Lamp M.F. B.C. 220 volts, 20 watts, ½ watt Type	"	27
7	Masonry, patching, etc.	L.S.	
8	Grounding	"	

Tender for providing electric lights to the Nurses' Quarters attached to the New Mental Hospital, Bangalore.

Serial No.	Names of materials, etc.	Unit	Quantity
1	Supplying and wiring in ¾" brazed conduit using No. 14 B. and S. insulated wire for 600 volts from the pole to meter board ..	R.ft.	200
2	Supplying and fixing a T.W. 1¼'×1¼'×2" meter board mounted with a 15 amp. D.P. ironclad switch with fuses	No.	8
3	Supplying and wiring in two-way T.W. casing and capping 2"×1" using No. 14 B. and S. insulated wire for 600 volts for lighting outlets	,,	40
4	Do do for controlling switches with 5 amp. bakelite tumbler switches (Reinforced)	,,	40
5	Do do for wall plugs with 5 amp. switch combined pattern face-entry bakelite wall plugs	,,	8
6	Supplying and fixing:—		
	(a) 5 amp. ceiling roses	,,	24
	(b) Flexible cord 6' long	,,	24
	(c) B.C. C.G. lampholders	,,	24
	(d) B.C. batten lampholders	,,	8
	(e) White opal shades	,,	16
	( ) Twin enamel shades	,,	16
	(g) Water-tight fittings with B.C. lampholder and glass dome complete	,,	8
	(h) Lamp M.F. B.C. 220 volts, 20 watts, ½ watt type Ring lamps	,,	40
7	Masonry and plastering	L.S.	..
8	Grounding	,,	..

Tender for providing electric lights to the Servants' Quarters attached to the New Mental Hospital, Bangalore.

Serial No.	Names of materials, etc.	Unit	Quantity
1	Supplying and wiring in ¾" brazed conduit using No. 12 B. and S. insulated wire for 600 volts from the pole to meter board ..	R.ft.	100
2	Supplying and fixing a T.W. meter board 1'×1½'×2" mounted with one of 15 amp. D.P. ironclad switch with fuses	No.	4
3	Supplying and running in ¾" W.I. pipe using No. 12 B. and S. insulated wire for tapping one block for the other	R.ft.	100
4	Supplying and wiring in teakwood casing and capping 2"×1" using No. 14 B. and S. insulated wire for 600 volts for lighting outlets	No.	48
5	Do do for controlling switches with 5 amp. bakelite reinforced tumbler switches	,,	48
6	Supplying and fixing :—		
	(a) Wall brakets, brass heavy pattern ⅝"×6" with B.C. lampholder, complete	,,	24
	(b) ⅝"×1' rigid pendants with heavy pattern brass back Plate and ⅝" B.C. lampholders	,,	24
	(c) Lamps M.F. G.V. 220 volts, 15 to 25 watts, ½ watt type ..	,,	48
	(d) Tin enamel shades 9"	,,	48
	(e) Grounding ironclad switches, pipes, etc.	L.S.	..
7	Masonry and patching	,,	..

Tender for providing electric lights to Weaving Sheds attached to the New Mental Hospital, Bangalore.

Serial No:	Names of materials, etc.	Unit	Quantity
1	Supplying and wiring in ¾" brazed conduit using No. 14 B. and S. insulated wire for 600 volts from the pole to meter board ..	R.ft.	40
2	Supplying and fixing 1'×1½'×2" T.W. meter board mounted with a 15 amp. D.P. ironclad switch with fuses	No.	2
3	Supplying and wiring in 2"×1" T.W. casing and capping using No. 14 B. and S. insulated wire for 600 volts for lighting outlets	„	4
4	Do do for controlling switches with 5 amp. bakelite tumbler switches reinforced	„	4
5	Supplying and fixing :—		
	(a) ⅝"×2" rigid pendants with heavy pattern brass back plate and B.C. lampholder	„	4
	(b) Coolican reflectors	„	4
	(c) Lamps M.F. B.C. 220 volts 100 watts clear	„	4
6	Grounding switches and conduit, etc.	L.S.	..
7	Masonry, patching and colour washing	„	..

Tender for installing electric lamp posts and wiring the same for Yard lighting in the area of the New Mental Hospital, Bangalore.

Serial No.	Names of materials, etc.	Unit	Quantity
1	Supplying and fixing on the existing meter board, 2 of 15 amp. D.P. ironclad switches with fuses all mounted and wired, complete	L.S.	..
2	Supplying and laying No. 12 B. and S. twin conductor lead sheathed, jute served, steel armoured underground cable for 600 volts, 3 feet below the ground level covered with 3" river sand all round with necessary junction boxes	R.ft.	4,000
3	Erecting on a masonry bed ornamental lamp post old type ..	No.	24
4	Supplying and wiring for the lamp posts from the cable junction box using No. 16 B. and S. lead covered cable and sheathing the lead cable from the junction box to the post in ¾" brazed conduit with B.C. lampholders	„	24
5	C.I. casings for the lamp posts to take 12" cube fittings ..	„	24
6	12" cube fittings opal glassware only	„	24
7	Lamps M.F. B.C. 230 volts, 100 watts clear, gas filled	„	24
8	Lamp posts ornamental old type (will be supplied by the P.W.D.) ..	„	24

S. G. FORBES,
Chief Electrical Engineer.

OFFICE OF THE SUPERINTENDENT, POWER AND LIGHTING, MYSORE.

Notification dated the 6th April 1937.

Sealed tenders, in triplicate, will be received at the Office of the Superintendent, Power and Lighting, Mysore. Tenders should be superscribed with the name of the work given below :—

2. The plans may be seen in the office of the undersigned at all working hours.

3. The tenders should be drawn up in conformity with the specifications furnished below writing out the rates at which the different items of work will be executed, in figures as well as in words, failing which the tenders will be disqualified.

4. The undersigned reserves the right to reject the tenders without assigning any reason therefor.